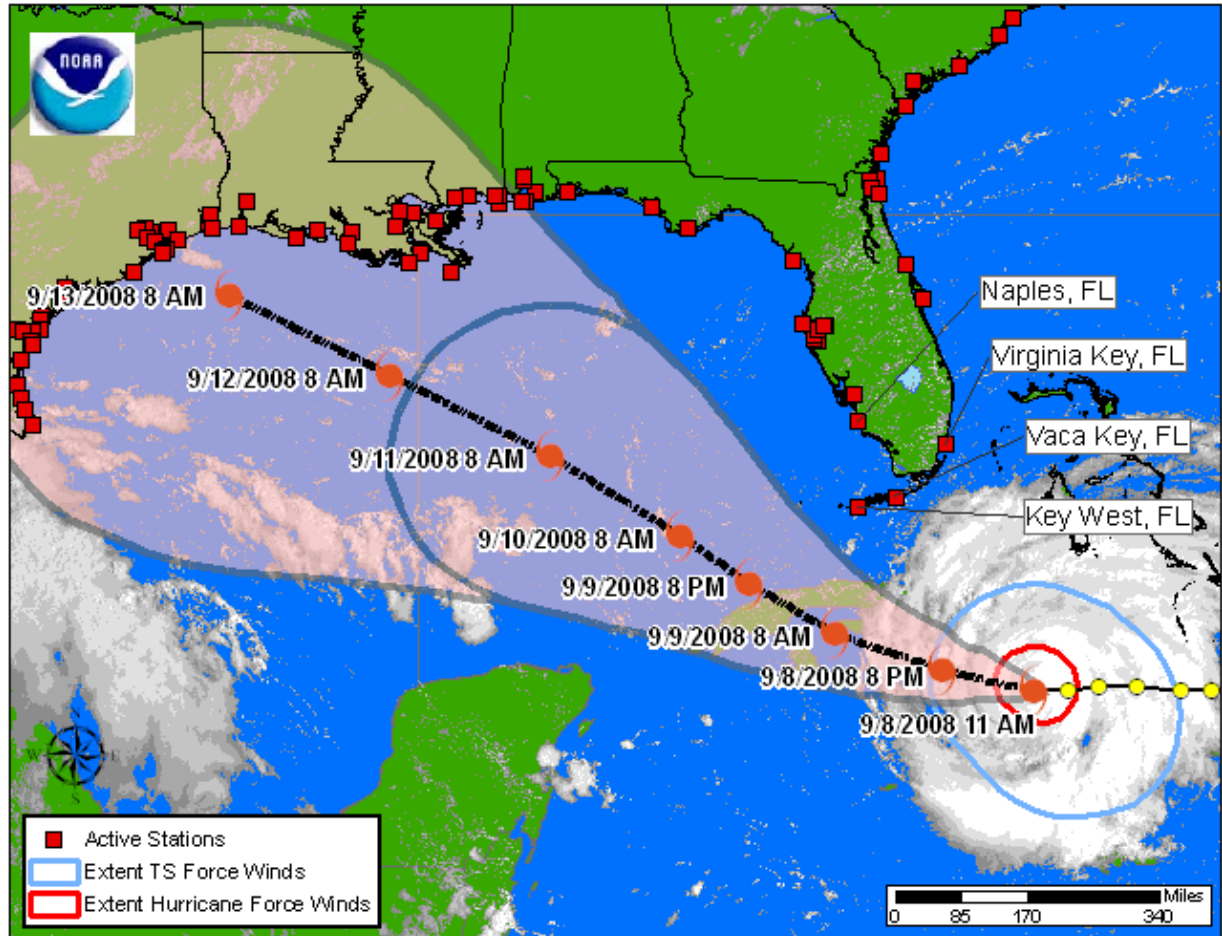




Hurricane IKE QuickLook
Posted: 11:30 EDT 09/08/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/08/2008 11:30 EDT, water levels are slightly elevated, ranging from 0.2 to 0.7 feet above predicted values across southern Florida and the Florida Keys. Water levels are presently rising at Virginia Key, FL. Winds are increasing with gusts up to 30 mph reported at Vaca Key, FL. Barometric pressure is beginning to fall.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Virginia Key, FL: Next predicted high tide is 2.09 ft (0.64 m) at 09/08/2008 16:30 EDT.

Vaca Key, FL: Next predicted high tide is 1.02 ft (0.31 m) at 09/09/2008 08:21 EDT.

Key West, FL: Next predicted high tide is 1.08 ft (0.33 m) at 09/08/2008 19:00 EDT.

Naples, FL: Next predicted high tide is 2.24 ft (0.68 m) at 09/09/2008 00:06 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 30

1100 AM EDT MON SEP 08 2008

...IKE BATTERING CAMAGUEY CUBA...HEADING WESTWARD FOR CENTRAL AND WESTERN CUBA...

A TROPICAL STORM WARNING IS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAS...INCLUDING FLORIDA BAY. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

A HURRICANE WATCH REMAINS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAS.

INTERESTS IN SOUTH FLORIDA SHOULD CONTINUE TO MONITOR THE PROGRESS OF IKE.

AT 1100 AM EDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 45 MILES WEST-SOUTHWEST OF CAMAGUEY CUBA AND ABOUT 290 MILES EAST-SOUTHEAST OF HAVANA CUBA.

IKE IS MOVING TOWARD THE WEST NEAR 14 MPH BUT A TURN TOWARD THE WEST-NORTHWEST SHOULD BEGIN LATER TODAY. ON THIS TRACK...THE CENTER OF HURRICANE IKE SHOULD MOVE BACK OVER WATER NEAR PUNTA MACURIJES IN THE CUBAN PROVINCE OF CAMAGUEY SOON. IKE SHOULD THEN MOVE ALONG OR JUST SOUTH OF THE SOUTHERN COAST OF CENTRAL CUBA TODAY...MOVE OVER WESTERN CUBA TUESDAY...AND EMERGE INTO THE SOUTHEASTERN GULF OF MEXICO BY TUESDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. SLIGHT WEAKENING IS POSSIBLE TODAY UNTIL IKE MOVES BACK OVER WATER. HOWEVER...ANY DEVIATION TO THE SOUTH OF THE TRACK COULD KEEP IKE OVER WATER LONGER RESULTING IN SOME RESTRENGTHENING DURING NEXT DAY OR SO. A RECONNAISSANCE AIRCRAFT WILL PROVIDE A BETTER ESTIMATE OF IKE'S INTENSITY THIS AFTERNOON.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 60 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 200 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 960 MB...28.35 INCHES.

STORM SURGE FLOODING OF 1-3 FEET...ALONG WITH LARGE AND DANGEROUS WAVES...ARE POSSIBLE IN THE FLORIDA KEYS.

LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT PORTIONS OF THE SOUTHEAST UNITED STATES COAST DURING THE NEXT COUPLE OF DAYS. THESE WAVES COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.

RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.

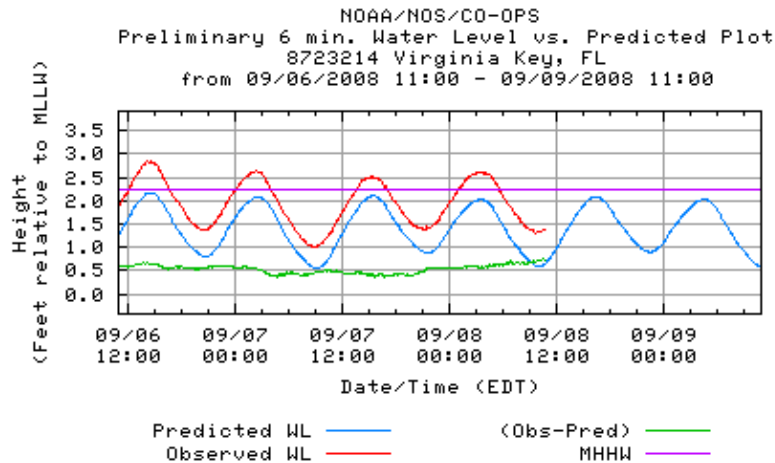
ISOLATED TORNADOES ARE POSSIBLE OVER THE EXTREME SOUTHERN FLORIDA PENINSULA AND THE FLORIDA KEYS THROUGH TOMORROW.

FORECASTER RHOME/AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#),

Virginia Key, FL - Station Map [Return to List](#)

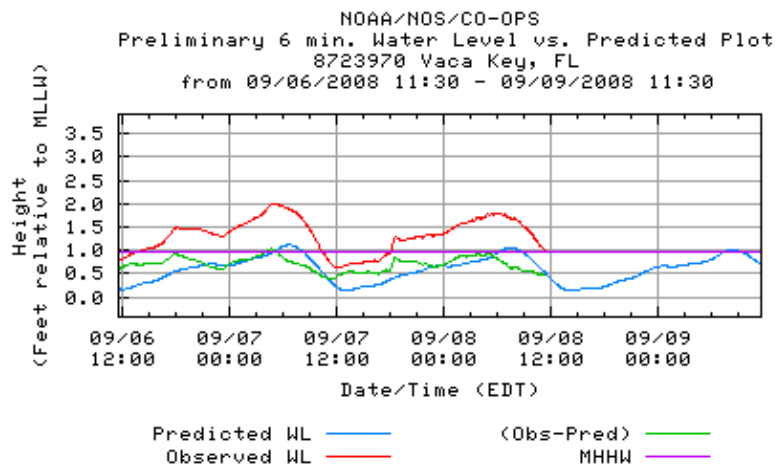


Last Observed Sample: 09/08/2008 10:48 (EDT)

Relative to **MLLW**: **Observed: 1.39 ft. Predicted: 0.65 ft. Residual: 0.74 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Vaca Key, FL - Station Map [Return to List](#)

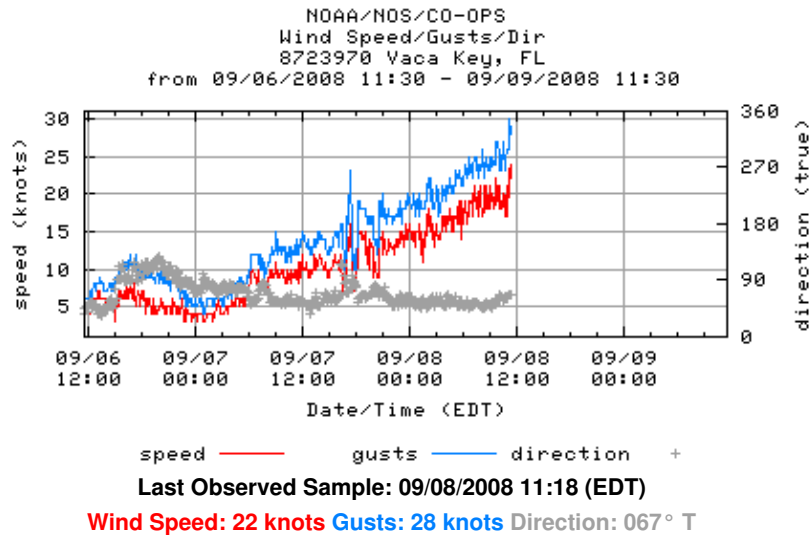


Last Observed Sample: 09/08/2008 11:18 (EDT)

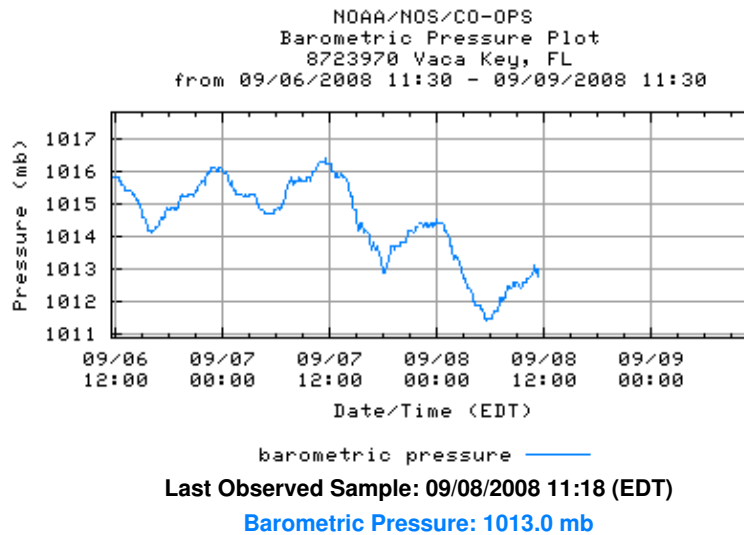
Relative to **MLLW**: **Observed: 1.00 ft. Predicted: 0.52 ft. Residual: 0.48 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

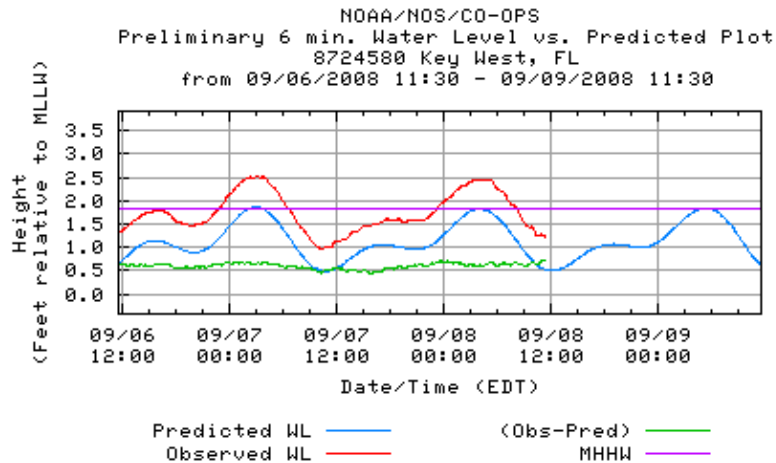
Vaca Key, FL - Station Map [Return to List](#)



Vaca Key, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)

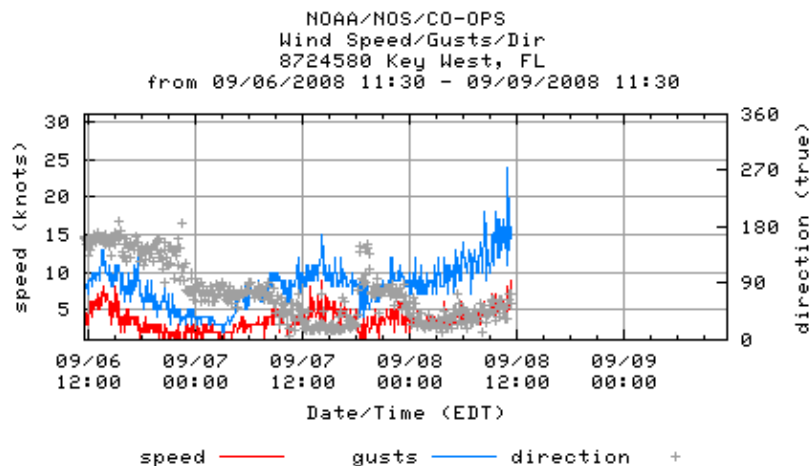


Last Observed Sample: 09/08/2008 11:18 (EDT)

Relative to **MLLW**: **Observed: 1.23 ft. Predicted: 0.52 ft. Residual: 0.71 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

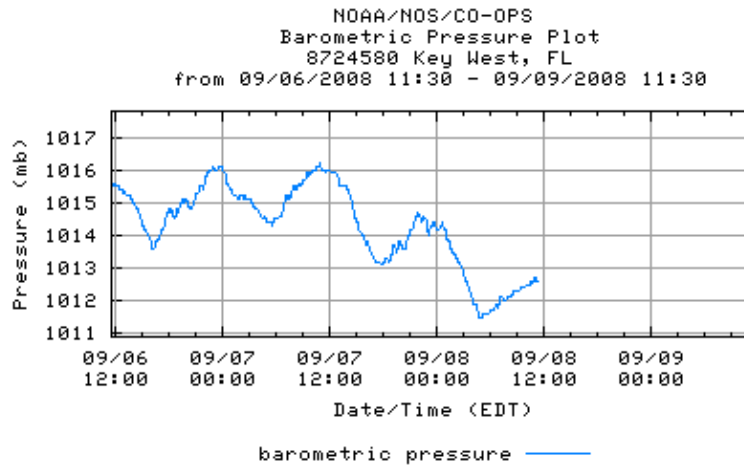
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Wind Speed: 7 knots Gusts: 15 knots Direction: 058° T

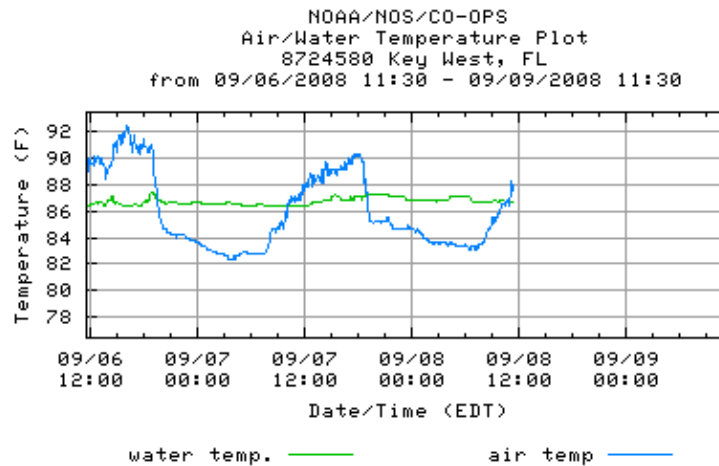
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Barometric Pressure: 1012.6 mb

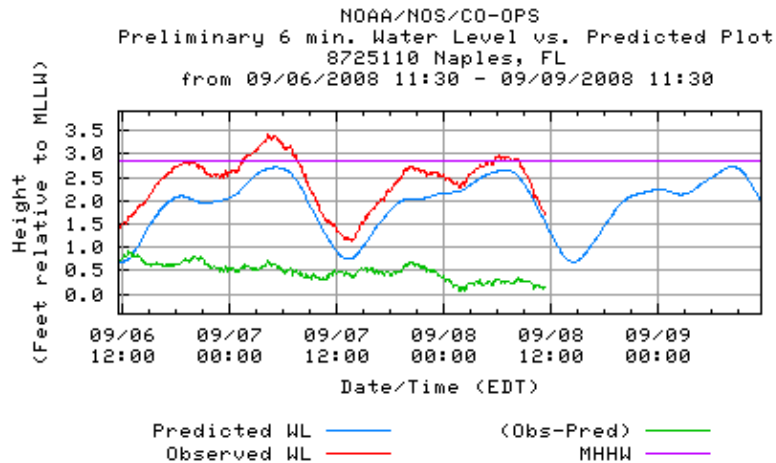
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Water Temperature: 86.7° F Air Temperature: 87.6° F

Naples, FL - Station Map [Return to List](#)

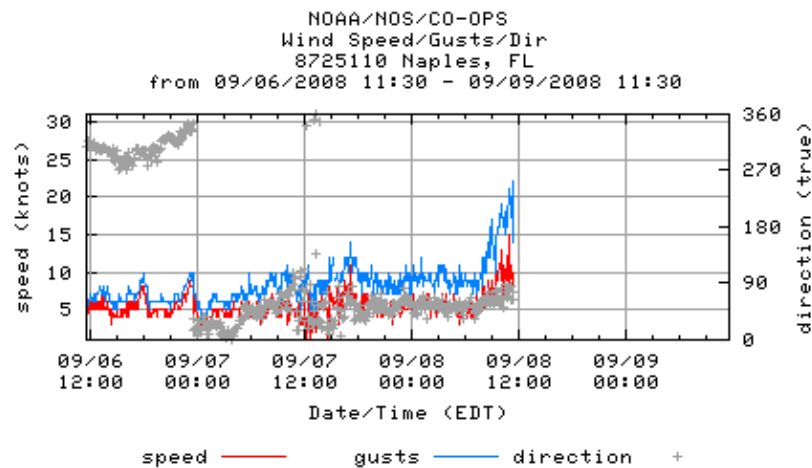


Last Observed Sample: 09/08/2008 11:18 (EDT)

Relative to **MLLW**: **Observed: 1.69 ft. Predicted: 1.54 ft. Residual: 0.15 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

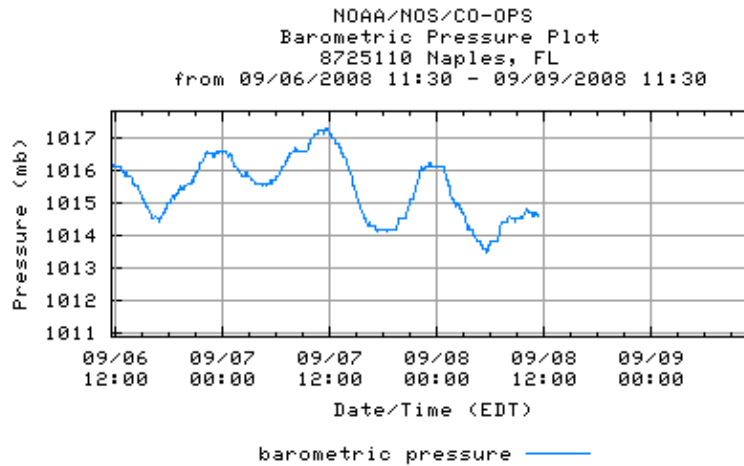
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Wind Speed: 10 knots Gusts: 22 knots Direction: 063° T

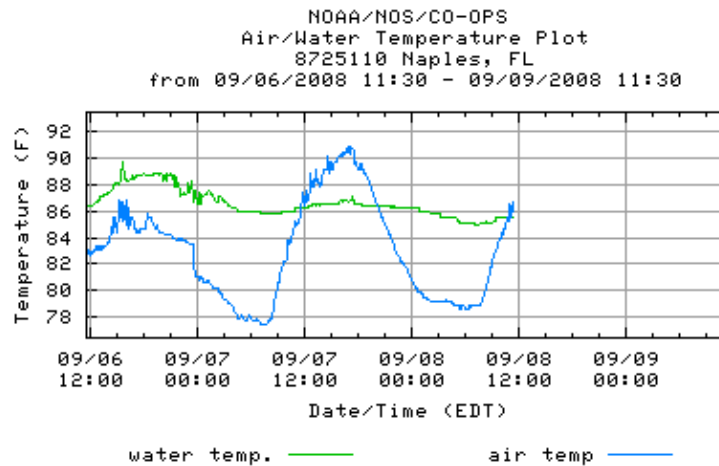
Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Barometric Pressure: 1014.6 mb

Naples, FL - Station Map [Return to List](#)



Last Observed Sample: 09/08/2008 11:18 (EDT)

Water Temperature: 85.6° F Air Temperature: 86.7° F

Hurricane IKE QuickLook, POSTED 11:30 EDT 09/08/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce